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Modern Trends in Biomechanics. Edited by D. C. SIMPSON, M.B.E., B.Sc., Ph.D., F.R.S.E., Reader in Medical Physics, University of Edinburgh. 8¾ × 5¾ in. Pp. 273+ix. Illustrated. 1970. London: Butterworth & Co. Ltd. 96s.

THERE can be no doubt that biomechanics has come into its own since the last World War when every effort has been made to provide functional replacement, especially to the numerous amputees.

The contributors to this volume come from London, Manchester, Tokyo, Michigan, Edinburgh, Glasgow, and Belgrade, and their articles require a sound knowledge of physics to understand them.

The subjects range from plastic implants and artificial hearts to the mechanics of synovial joints.

It is certain that the medical student of the future will require a more extended knowledge of physics than at present if he is to understand the aims and problems of fitting artificial parts.

This book is a great contribution to our knowledge of biomechanics and before long every large hospital will require a department dealing with this subject.

Cardiovascular Pathology, Volume 3. By R. E. B. HUDSON, M.D., F.R.C., Path., B.Pharm., F.P.S., Professor of Pathology, Institute of Cardiology, University of London. 9¾ × 7½ in. Pp. 1166+x. Illustrated. 1970. London: Edward Arnold (Publishers) Ltd. £24.

IT was just 5 years ago that Professor Hudson published his two-volume monograph on *Cardiovascular Pathology* and this work was acclaimed as the most comprehensive and accurate account of the whole field of cardiovascular pathology; and now volume 3 makes its appearance.

This new volume may be looked upon as a second edition and it includes all that is new in this ever increasing field of special pathology.

No field of medicine has undergone so much change as the cardiovascular, and with this expansion of the surgery of the heart and great vessels is included the pathology of the same.

The range of cardiovascular pathology today is vast and ever increasing as we use more and more grafts and shunts in the surgical treatment of cardiovascular defects and diseases.

In this large volume all the facets of cardiovascular pathology have been dealt with in a most comprehensive manner, including such conditions as carcinoid heart disease.

Throughout the book the illustrations are outstanding and beautifully expressed; this is especially so with the photomicrographs.

The book is very well produced and is written in a clear and decisive style.

There can be no doubt that this work will be used as a reference volume both at home and overseas.

This work is a great credit to British medicine.

Coronary Disease Management. By W. H. SEWELL, M.D., F.A.C.S., F.A.C.C., F.A.C.C.P., F.I.C.A., Sayre, Pennsylvania. Pp. 228+xiv. 1970. Bristol: John Wright & Sons Ltd. 88s.

THE author of this monograph has been interested in coronary disease for the past twenty years and has been responsible for much research work on this problem. He deals with the importance of coronary arteriography, nitrates, and the triple-pedicle operation.

His animal studies and the early clinical observations were reported in an earlier monograph in 1967. In this monograph the author's clinical experience from 1965 to 1968 is discussed.

It is encouraging to know that coronary arteriography is a safe and reliable method of investigation and that it is essential for any sound surgical approach to the treatment of coronary disease. The author presents a series of 284 patients who underwent arteriographic investigation without a single fatality.

Moreover, as a result of these investigations 127 patients were recommended for operation.

As a result of operations on some 900 dogs the author recommends the use of the triple-pedicle graft containing the fifth and sixth intercostal arteries and the internal mammary artery.

In this monograph a detailed description of coronary arteriography is given and some excellent X-ray pictures of the coronary arteries are to be seen. A very practical description of the triple-pedicle graft is given and the operative technique is well described.

This monograph should prove of real value to all cardiac surgeons as well as to general physicians and cardiologists.

Operative Surgery. Edited by R. GUY PULVERTAFT, M.B., B.Ch., M.D.(Hon.), F.R.C.S., Orthopaedic Surgeon, Derbyshire Royal Infirmary; Surgeon, Harlow Wood Orthopaedic Hospital. Second edition. 10¾ × 8½ in. Pp. 262+xi. Illustrated. 1970. London: Butterworth & Co. Ltd. £7 15s.

THIS volume devoted to the operative surgery of the hand is the second edition of the series of volumes covering the whole field of operative surgery edited by Charles Rob and Rodney Smith.

In this volume there are some 17 contributors, who between them cover every facet of the surgery of the hand.

The most interesting feature of this volume is the excellence of the illustrations; they are clear and show the various forms of operative techniques step by step.

Today, the world over, more and more countries have come to the conclusion that special hand clinics are worth while and pay dividends.

This book proves beyond doubt that the surgery of the hand is a specialized field of surgery and that it should be dealt with in hospitals which are provided with a hand clinic.

ERRATUM: November issue (1970, Vol. 57, No. 11)

The number of pages for the book *Principles of General Neurology* reviewed on p. 875 should read 820+xvi and *not* 20+xvi as printed.

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